

## ABIGAIL MY TRAN

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### OBJECTIVE

Looking for an internship next Summer or Fall, 2017 in the software related field.

### SKILLS

**Programing Language:** Java; Python; C; Ruby; React Native; HTML; CSS; JavaScript

**Software:** IntelliJ; Pycharm; Django; Unix; Android Studio; Google Apps Script

### EDUCATION

**Rochester Institute of Technology**

Major: B.S in Software Engineering (Honors)

GPA: 3.84/4.0

Expected Graduation: May 2020

### PROJECTS

#### Mobile Application Alumni Connection

October, 2016 - Present

- Applying React Native on Android Studio to build a native mobile application
- Collaborating with a team of three students to develop the application for Women in Computing's alumni

#### Solitaire Chess Game

April - May, 2016

- Designed a Java Solitaire Chess game applying Model – View – Controller model
- Executed the game on both JavaFX platform (GUI) and IntelliJ consoler (PTUI) to enhance user interaction
- Implemented Backtracking algorithm to eliminate invalid chess moves and find the best solution for players

#### Diet Manager

April - May, 2016

- Built a Ruby program to manage the Food Database and Diet Log of users
- Wrote Ruby script of interactive commands to manage the food database

#### Document Analyses

February - March, 2016

- Developed a C program to read and parse document data to create Node and Double linked-list objects
- Reported exact results of words count, words frequency, sentences count, sentences frequency, etc
- Managed memory using C Dynamic memory allocation to prevent memory loss

#### Blackout Puzzles

October - November, 2015

- Designed a Python program to solve Blackout puzzles using two different data structures
- Applied Stack structure to manage the precedence of numbers and operations effectively
- Utilized recursion and Binary tree structure to quickly traverse through all possible solutions

### WORK EXPERIENCE

#### Academic Support Center

Aug, 2016 - Present

#### Academic Tutor

- Assisting students with questions about Science and Computing classes at RIT's public study centers

#### International Students Service

Apr, 2016 – Aug, 2016

#### Peer Advisor Leader (PAL)

- Helped facilitate incoming international students' transition to RIT throughout the summer
- Welcoming them in three days of the International Orientation

### ACTIVITIES AND LEADERSHIP

#### University Studies Program (USP)

Feb, 2016 – Present

Ambassador

#### Vietnamese Students Association (VSA)

Feb, 2015 – Present

Vice-president